



# Submittal Data Information

## CW Expansion Tanks

401-043

SUPERSEDES: NEW

EFFECTIVE: October 1, 1995

Job: \_\_\_\_\_ Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

| Quantity | Item Number | Model Number | Precharge* | Working Pressure |
|----------|-------------|--------------|------------|------------------|
|----------|-------------|--------------|------------|------------------|

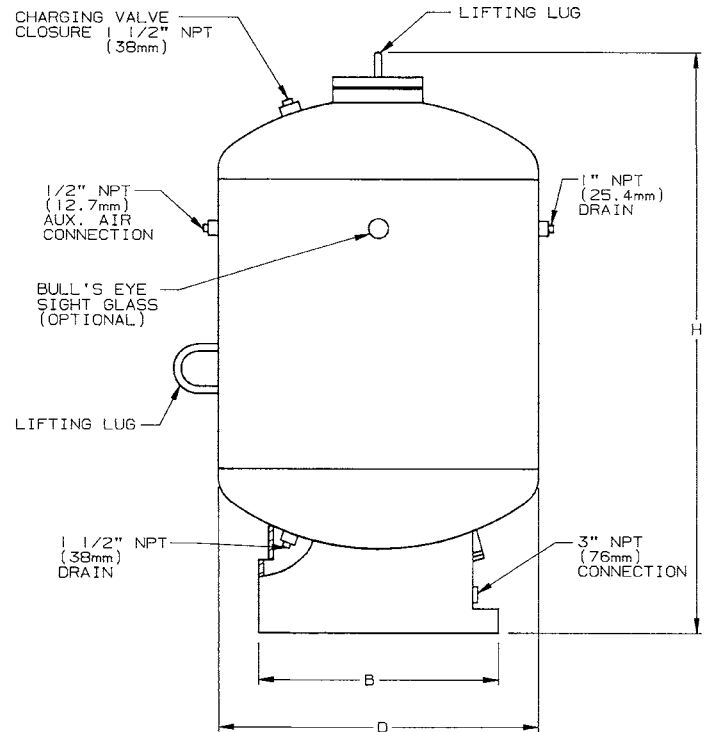
\*Unless otherwise specified, standard precharge of 12 PSIG (83 KPa).

### CONSTRUCTION

- Bladder type for permanent separation of air and water.
- Water expands into bladder, air precharge on shell side.
- Designed and constructed to the requirement of Section VIII, Division I of the ASME Boiler and Pressure Vessel Code.
- All wetted surfaces of FDA approved materials for potable water applications.
- Manufacturer's data reports furnished upon request.
- Internal bladder field replaceable.

### SPECIFICATIONS

- Shell—Fabricated Steel designed and constructed per ASME Section VIII, Division I.
- Bladder—Heavy Duty Butyl removable for inspection.
- Working Pressure—125 PSIG (862 KPa) (150 and 250 PSIG— optional).
- Operating Temperature—240°F (116°C) Max.
- 304 Stainless Steel system connection.



| MODEL NUMBER | TANK VOLUME <sup>1</sup> |      | H HEIGHT                       |      | B DIAMETER |      | D DIAMETER |      | SHIPPING WEIGHT |     |
|--------------|--------------------------|------|--------------------------------|------|------------|------|------------|------|-----------------|-----|
|              | GAL.                     | LIT. | INCH                           | MM   | INCH       | MM   | INCH       | MM   | LBS.            | KG. |
| CW600        | 158                      | 600  | 73 <sup>3</sup> / <sub>8</sub> | 1864 | 24         | 610  | 30         | 762  | 626             | 284 |
| CW800        | 211                      | 800  | 91 <sup>3</sup> / <sub>8</sub> | 2321 | 24         | 610  | 30         | 762  | 760             | 345 |
| CW1000       | 264                      | 1000 | 82                             | 2083 | 30         | 762  | 36         | 914  | 810             | 367 |
| CW1200       | 317                      | 1200 | 94                             | 2388 | 30         | 762  | 36         | 914  | 914             | 415 |
| CW1400       | 370                      | 1400 | 106                            | 2692 | 30         | 762  | 36         | 914  | 1018            | 462 |
| CW1600       | 422                      | 1600 | 78 <sup>1</sup> / <sub>2</sub> | 1994 | 40         | 1016 | 48         | 1219 | 1655            | 751 |
| CW2000       | 528                      | 2000 | 92 <sup>1</sup> / <sub>4</sub> | 2343 | 40         | 1016 | 48         | 1219 | 1925            | 873 |

(1) At 12 psi Precharge, acceptance volume is 81% of tank volume.



COMMENTS: \_\_\_\_\_

All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.



**Taco Comfort Solutions™** A Taco Group Company

Taco, Inc., 1160 Cranston Street, Cranston, RI 02920 | Tel: (401) 942-8000 | FAX: (401) 942-2360

Taco (Canada), Ltd., 8450 Lawson Road, Suite #3, Milton, Ontario L9T 0J8 | Tel: (905) 564-9422 | FAX: (905) 564-9436

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